

WHAT IS CLAIMED IS:

1. A disc implant comprising:
engaging plates;
5 at least two members positionable between the engaging plates;
wherein the members are configurable to allow lateral movement, anteroposterior
movement, and axial rotation of the engaging plates relative to each other during use;
wherein each engaging plate is configured to complement one of the members; and
wherein the engaging plates are configurable to retain the members at least partially
10 between the engaging plates during use.
2. The implant of claim 1, wherein at least one of the engaging plates comprises at least
one coupling projection.
- 15 3. The implant of claim 1, wherein at least one of the engaging plates comprises one or
more openings, and wherein at least one of the openings is configured to receive a fastener.
4. The implant of claim 1, wherein at least one of the engaging plates comprises one or
more tabs, and wherein at least one of the tabs comprises an opening configured to receive a
20 fastener.
5. The implant of claim 1, wherein at least one of the engaging plates comprises one or
more openings, and wherein at least one of the openings is configured to receive a fastener.
- 25 6. The implant of claim 1, wherein at least one of the engaging plates comprises one or
more openings, and wherein at least one of the openings is configured to receive a locking
mechanism.
7. A disc implant comprising:
30 a first engaging plate and a second engaging plate;
a first member and a second member positionable between the engaging plates; and

wherein a surface of the first engaging plate complements a surface of the first member, wherein a surface of the second engaging plate complements a surface of the second member, and wherein a surface of the first member complements a surface of the second member to allow lateral movement, anteroposterior movement, and axial rotation of the engaging plates relative to each other.

8. The implant of claim 7, wherein the first engaging plate comprises a concave portion complementary to a convex portion of the first member.

9. The implant of claim 7, wherein the first member comprises a convex portion complementary to a concave portion of the second member.

10. The implant of claim 7, wherein the second engaging plate comprises a concave portion complementary to a convex portion of the second member.

11. The implant of claim 7, wherein the engaging plates are configured to retain at least a portion of each member between the engaging plates.

12. The implant of claim 7, wherein at least one of the engaging plates comprises at least one coupling projection.

13. The implant of claim 7, wherein at least one of the members comprises a substantially circular shape.

14. A disc implant comprising:
engaging plates;
a retainer positioned adjacent one of the engaging plates during use;
two members positionable between the retainer and one of the engaging plates; and
wherein relative motion of the members allows lateral movement, anteroposterior movement, and axial rotation of the engaging members relative to each other during use.

15. The implant of claim 14, wherein a surface of the retainer comprises a recess, wherein one of the members comprises a surface complementary to at least a portion of the recess, and wherein the complementary surface of the member is positionable in the recess.

5 16. The implant of claim 14, wherein at least one of the members comprises a stop configurable to limit movement of the engaging plates relative to each other during use.

17. The implant of claim 14, wherein the retainer comprises a stop configurable to limit movement of the engaging plates relative to each other during use.

10

18. The implant of claim 14, wherein at least one of the engaging plates comprises a stop configurable to limit movement of the engaging plates relative to each other during use.

19. The implant of claim 14, wherein at least one of the engaging plates comprises at
15 least one coupling projection.

20. The implant of claim 14, wherein the retainer comprises a substantially circular shape.

20